MONTHLY WEATHER MAP

METEOROLOGICAL SERVICE
DOMINION OF CANADA

MAY 1934

TEMPERATURE

Over the greater part of the agricultural regions the mean temperature of May was above the normal. The greatest excess occurred in the western grain regions. Over the Hudson Bay, locally in northern Ontario and in northern Quebec eastward to the Gulf of the St. Lawrence and the Labrador Coast temperatures were below normal.

In northern British Columbia the excess over normal temperature was small but on Vancouver Island and in the southern interior valleys was two to four degrees.

In the southern districts of the western grain region the excess was mostly six to eight degrees but in some areas along the International Boundary in Alberta and Saskatchewan the excess was more than ten degrees.

In the region from the Lake of the Woods to Lake Superior the excess was two to six degrees. From Lake Superior southeastward to the upper Ottawa valley and northward to James Bay there were deficiencies of one or two degrees for the most part. On the shore of James Bay, however, the deficiency was five degrees. In that part of Ontario surrounded by Lakes Huron, Erie and Ontario the temperature was generally above normal, very slightly in the northern portion but with local excesses of four to five degrees in the southerly portion.

In that portion of Quebec lying immediately north of the Ottawa River the month was slightly cooler than the normal but along the St. Lawrence as far as the Gaspé Peninsula the month was warmer than the normal by two to three degrees. In Quebec along the Maine boundary there were excesses of five to seven degrees.

In the Atlantic Provinces temperatures were generally two to three degrees above normal but in the Bay of Fundy region were generally two degrees or less.

In the Gulf and along the North Shore there was a deficiency of one or two degrees. In eastern Newfoundland, however, there was a slight excess over normal temperature.

Over Hudson Bay, northern Quebec and the Labrador Coast the deficiency was two to five degrees.

PRECIPITATION

On the Pacific coast, locally in the interior of British Columbia, in the Edmonton-Red Deer district of Alberta and in the Mackenzie valley the total precipitation was above normal. Over the remainder of the Dominion from the Rocky Mountains to the Atlantic Ocean rainfall was deficient except in a few scattered localities.

On Vancouver Island the excess varied from ten to thirty per cent. or more. In the lower Fraser valley there was a very moderate excess but in the upper Fraser valley excesses were large, at least locally. In the southern interior valleys some points reported small excesses and others small deficiencies.

In the Edmonton-Red Deer district there were excesses of ten to thirty per cent. while in the Peace River and Lesser Slave Lake region some points reported excess and others deficiency. In southern Alberta where the normal amount for May is about two inches on the plains and three to four inches in the foothills deficiencies were generally one inch on the plains and one to two inches in the foothills.

In Saskatchewan where the normal amount is generally in excess of one and a half inches only from three to nine tenths were actually recorded, except very locally where more than an inch was measured.

In Manitoba the normal amount is between one and a half and two inches whereas three to seven tenths were actually recorded.

The seasonal rainfall was, therefore, very deficient over the western grain belt at the end of May. Early in June, however, the weather changed to showery conditions. Most of the area has had considerable rainfall in the first ten days of June. The rainfalls have been especially heavy in the southern districts where it was most badly needed. Some points have had more than three inches already in June.

In northern Ontario where the normal amount varies considerably but is generally of the order of about two inches the deficiencies have been generally less than an inch and in some places the deficiency has been less than half an inch.

In southwestern Ontario the drought has been more pronounced with deficiencies of two to two and a half inches in the extreme southwest and one and a half to two inches in the upper St. Lawrence and lower Ottawa valleys as well as in the Georgian Bay region. At Toronto this was the second driest May on record during ninety-five years. There were two other years in which the total precipitation from the 1st of January to the 1st of June was still smaller than in the present year.

In Quebec there were droughty conditions generally with deficiencies of one to nearly two inches.

In the Atlantic Provinces rainfall was scanty in New Brunswick and over the greater part of Nova Scotia. Deficiencies in New Brunswick ranged from fifteen to sixty per cent. In Prince Edward Island and central Nova Scotia there were excesses of five to fifty-five per cent. but over the remainder of No a Scotia there were deficiencies of ten to forty per cent.

In eastern Canada crops were retarded by lack of moisture while there were numerous forest fires.

A. J. CONNOR

SPECIAL REPORTS

NOTE—Column H is Highest Temperature; Column L is Lowest Temperature; Column P is Precipitation in inches; Column I denotes total of bright sunshine in hours during the month; Column Tm is the mean temperature of the current month.

BRITISH COLUMBIA

STATION	H	L	P	I	Tm	STATION	H	L	P	I	Tm	STATION	H	L	P	I	Tm
Cowichan Bay	74°	39°	1.9	243		Estevan Point			7.7		52°	Kaslo	85°	33°	2.1		54°
Duncan	84°	32°	2.9			Prince Rupert	72°	37°	5.8	128	49°	Cranbrook	87°	28°	0.2		
Goldstream Lake			3.3			Prince George	84°	27°	2.9	225	51°	Fernie	87°	31°	3.1		
Shawnigan Lake	82°	33°	2.6			New Westminster	85°	41°	3.4			Kamloops	93°	36°	0.5	273	60°
Sooke	83°	34°	2.7			Vancouver	83°	41°	3.4	236	58°	Salmon Arm	91°	33°	1.1	252	
Sooke Lake			3.4			White Rock	82°	39°	2.0			Field	83°	28°	3.0		
Victoria	76°	41°	1.2	250	55°	Oliver	99°	29°		224		Golden	89°	26°	1.1		
Courtenay			3.4			Penticton	87°	32°	1.1			Revelstoke	92°	30°	2.7		
Nanaimo	81°	37°	2.6	232		Princeton	88°	25°	0.7			Pouce Coupé	84°	27°	2.6		
Port Alberni	87°	34°	6.3			Vernon	89°	36°	1.2	239		Atlin			0.4		44°

ALBERTA

STATION	H	L	P	I	Tm	STATION	H	L	P	I	Tm
Beaverlodge	82°	31°	1.2	269	52°	Perbeck	87°	25°	2.6		55°
Fairview	82°	32°	0.9	240	52°	Red Deer	90°	24°	5.0		53°
Roycroft	83°	28°	1.6		53°	Stettler	91°	25°	1.5		54°
Athabaska	91°	21°	2.8		48°	Three Hills	91°	21°	2.4		54°
Entrance	88°	26°	3·5		49°	Beaver Mines			0.5		
Grouard	83°	27°	2.1		54°	Brooks (1)			0.5		
High Prairie	84°	28°	2.0		53°	Brooks (2)	93°	30°	0.8		59°
Slave Lake	86°	29°	1.1		52°	Calgary	87°	32°	0.6	271	55°
Wembley			1.3			Cardston	90°	29°	1.0		57°
Coronation			0.7			Claresholm			0.3		
Edmonton	90°	29°	2.8	301	55°	Cowley			1.0		
Elk Point	86°	23°	0.9		53°	Empress			0.4		
Holden	89°	26°	2.1		52°	Foremost			0.1		
Rocky Mountain House	76°	20°	1.8		47°	Lethbridge	88°	28°	0.7	292	57°
Sedgewick	89°	30°	0.1		58°	Lundbreck	86°	15°	0.3		50°
Smoky Lake			2.1			Macleod	92°	28°	0.4		59°
Vermilion	86°	20°	2.2		55°	Maycroft			1.1		
Viking	80°	23°	1.8		54°	Medicine Hat	97°	34°	0.5	276	61°
Wetaskiwin	90°	28°	2.6		55°	Raymond	94°	32°	0.9		60°
Alix	90°	20°	2.3		53°	Seven Persons			0.6		
Drumheller	94°	30°	0.9		59°	Strathmore	90°	29°	0.5		56°
Hillsdown	87°	25°	2.4		55°	Waterton Park			1.9		
Jenner	97°	26°	0.3		59°	Winnifred			0.6		
Olds	85°	32°	1.2		53°	Anthracite	85°	27°	1.4		50°

SASKATCHEWAN

Battleford	90°	27°	0.8		58°	Qu'Appelle	95°	23°	0.8	275	57°
Biggar	94°	27°	0.5		59°	Regina	99°	29°	0.7		62°
Macklin	90°	27°	0.4		55°	Strasbourg	96°	25°	0.4		59°
Prongua			0.6			Tugaske	99°	28°	0.5		60°
Scott	88°	27°	1.7		56°	Whitewood	93°	25°	0.7		54°
Waseca	86°	27°	0.5		56°	Yellow Grass	100°	26°	0.5		59°
Prince Albert	89°	25°	0.9		56°	Yorkton	96°	22°	1.2		55°
Saskatoon	94°	27°	0.3		58°	Assiniboia	98°	26°	0.8		61°
Nipawin	92°	24°	1.6		54°	Chaplin	98°	30°	0.5		60°
Lintlaw	92°	21°	1.4		53°	Climax			0.9		
Broadview			0.5			Consul			0.7		
Carlyle	99°	20°	0.4		57°	Goodwater			0.4		
Caron	104°	26°	0.9		59°	Gravelbourg	98°	27°	0.5		58°
Ceylon			0.3			Klintonel	90°	23°	1.2		54°
Dana	93°	25°	0 3		58°	Leader	101°	28°	0.2		60°
Davidson	97°	28°	0.7		57°	Leitchville			1.0		
Estevan			0.5			Lidgett			0.5		
Francis	97°	25°	0.4		58°	Maple Creek	95°	28°	0.4		60°
Grenfell	98°	26°	1.0		57°	Nashlyn	94°	26°	0.5		59°
Humboldt	95°	21°	0.5		54°	Outlook	98°	32°	0.7		60°
Indian Head	98°	23°	0.7		57°	Pennant	97°	29°	0.3		60°
Kamsack	94°	20°	1.2		57°	Rockglen			0.6		
Marquis			0.7			Rosetown	98°	20°	0.5		57°
Midale	99°	24°	0.3		60°	Shaunavon	95°	30°	0.8		59°
Moose Jaw	100°	29°	0.6	283	60°	Strongfield			0.2		
Moosomin	96°	28°	0.2		58°	Surprise			0.2		
Muenster	95°	24°	0.4		54°	Swift Current	98°	30°	0.4	310	60°
Nokomis	98°	27°	1.1		57°	Wapashoe			0.5		

MANITOBA

Birtle	93°	18°	0.7			Emerson	106°	18°	0.4		58°
Brandon	95°	20°	0.7	232	56°	Morden	106°	22°	0.5		59°
Cypress River			0.8			Morden (Experimental Farm)	108°	20°	0.6	244	59°
Deloraine	106°	21°	0.3		61°	Morris	105°	18°	0.4		56°
Rapid City	92°	24°	0.4		55°	Sprague	95°	20°	0.3		54°
Minnedosa	91°	20°	0.5		54°	Winnipeg	100°	18°	0.6		56°
Ninette	103°	25°	0.9		59°	Bissett	89°	26°	1.6		53°
Pierson			0.4			Great Falls	90°	25°			53°
Russell			0.9			Dauphin	97°	20°	0.7		56°
St. Albans (Treesbank)	98°	22°	0.7			Le Pas	85°	22°	2.0		51°
Treherne	97°	24°	0.6								
Virden	98°	26°	0.6		59°						

ONTARIO

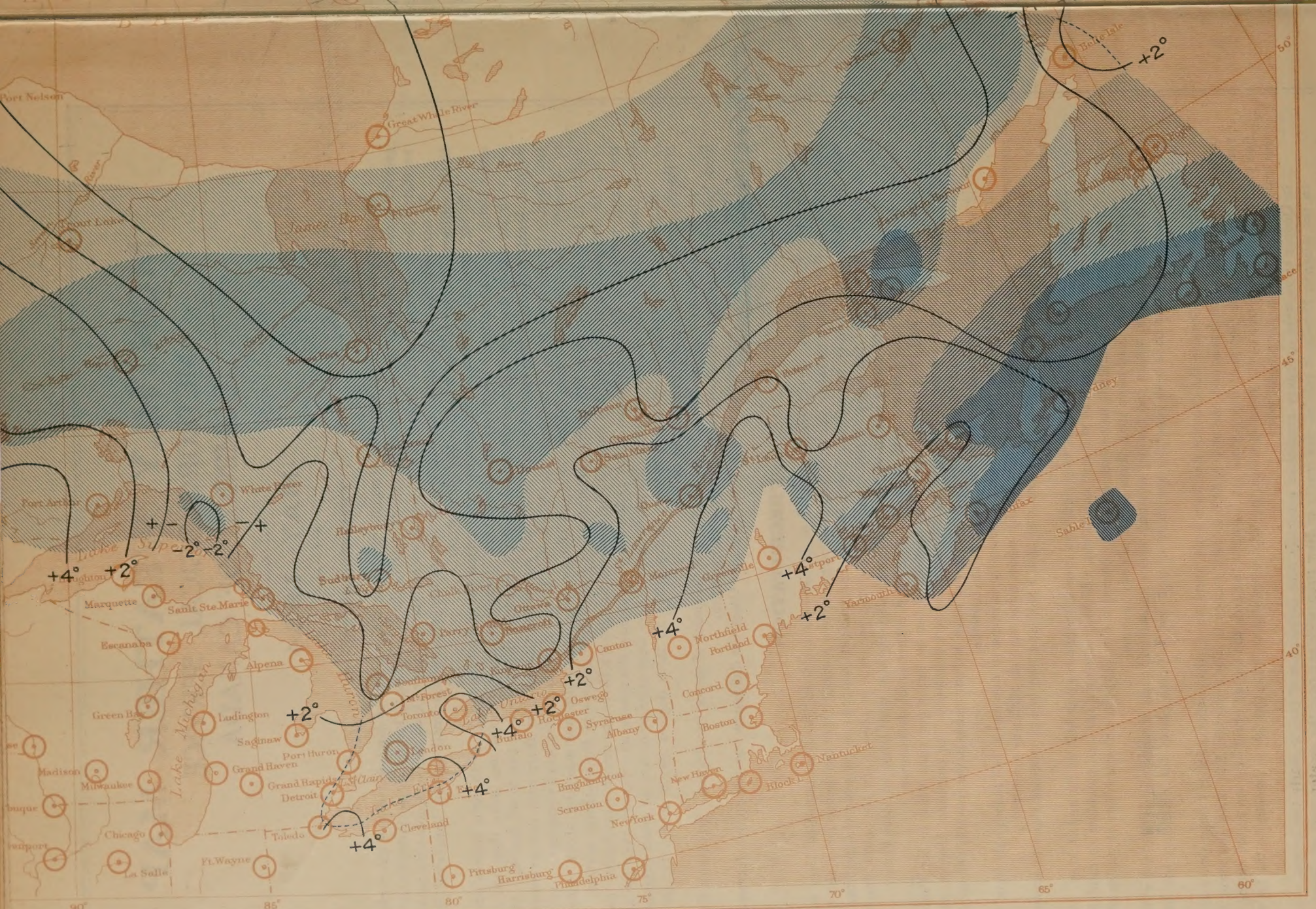
STATION	H	L	P	I	Tm	STATION	H	L	P	I	Tm
Algonquin Park	86°	19°	0.4		50°	Alton	83°	26°	0.5		54°
Atikokan	87°	24°	2.1		54°	Brantford	90°	29°	0.4		58°
Biscotasing	82°	19°	1.8		49°	Grand Valley	85°	26°	0.5		54°
Chapleau	80°	21°	1.1		49°	London	86°	27°	1.0		56°
Cochrane	80°	25°	2.6	184	45°	Mount Forest	85°	24°	0.5		54°
Crystal Falls	80°	22°	2.0		50°	Paris	89°	30°	0.8		57°
Franz	78°	20°	1.3		47°	Stratford	87°	28°	1.0		
Gore Bay	79°	25°	1.7		51°	Woodstock	85°	30°	1.4	296	57°
Haileybury	83°	28°	1.9	210	50°	Chatham	90°	26°	0.3	283	59°
Heaslip	84°	20°	0.6		48°	Grimsby	90°	34°	0.6		58°
Ignace	84°	25°	1.0		52°	Grimsby (Rock Chapel)	90°	30°	0.5		57°
Kapuskasing	82°	23°	2.5	203	46°						
Kenora	85°	27°	0.7		54°	Harrow	91°	28°	0.5	308	61°
Madawaska	86°	16°	1.3		51°	Leamington	87°	31°	0.4		60°
Montreal River	82°	20°	1.9		49°	Pelee Island	92°	33°	0.8		61°
Moosonee	80°	14°	2.9		37°	St. Catharines	87°	31°	0.5	280	57°
North Bay	80°	23°	1.8		52°	St. Thomas	86°	25°	0.5	319	56°
Oba	81°	21°	1.1		50°	Simcoe	90°	29°	0.5		59°
Port Arthur	86°	31°	1.3		50°	Welland	89°	30°	0.4		58°
Providence Bay	73°	24°	0.6			Orono	81°	28°	1.6		57°
Quorn	86°	25°	0.3			Toronto	86°	34°	0.5	319	58°
Schreiber	74°	28°	1.8		47°	Apsley	85°	23°	1.5		53°
Sioux Lookout			3.0		50°	Haliburton	80°	20°	1.5		52°
Steep Hill Falls	77°	22°	2.4		47°	Lakefield	84°	30°	1.3		56°
Timmins	80°	24°	1.8		48°	Peterboro'	86°	30°	1.7		
Wawaitin Falls	81°	19°	1.7		47°	Queensboro'	86°	27°	0.8		55°
White River	79°	21°	1.2		47°	Belleville	84°	30°	1.6	318	56°
Barrie	84°	28°	1.0	234	55°	Brockville	87°	33°	0.7		58°
Beatrice	81°	21°	1.9		52°	Campbellford	86°	28°	1.4		60°
Orillia	81°	28°	1.0		54°	Kingston	74°	34°	1.0	288	53°
Parry Sound	78°	29°	1.7		53°	Morrisburg	89°	27°	1.5		
Walker's Point	82°	22°	1.8	271	52°	Ottawa	86°	31°	1.3		57°
Walkerton	89°	25°	0.7		56°	Ottawa (Exp.Farm)	84°	26°	1.4	287	55°
Brucefield	83°	24°	0.9			Pembroke	87°	29°	1.8		57°
Goderich	86°	29°	0.5		55°	Picton	82°	30°	1.7		
Lucknow	83°	25°	1.5			Renfrew	82°	25°	1.6		52°
Southampton			1.4		50°						

QUEBEC

Beauceville	84°	32°	2.2		56°	Sorel	87°	29°	1.0		56°
Brome	84°	24°	1.7		53°	Albanel	85°	22°	1.7	218	49°
Cap Rouge	80°	28°	2.3	249	53°	Ile Maligne	80°	20°	2.4		48°
Cedars	82°	32°	1.6		56°	Portage des Roches	82°	19°	1.9		48°
Farnham	84°	26°	1.3	282	55°	Roberval	82°	30°	1.0		50°
Huberdeau	84°	26°	2.3		54°	Manouan	80°	22°	1.4		49°
Joliette	84°	30°	1.0		56°	Rigolet	78°	20°	2.2		47°
L'Assomption	86°	26°	1.2	279	55°	Abitibi	78°	19°	2.0		
Lambton	82°	27°	1.0		52°	Dolbeau			2.3		48°
Lennoxville	84°	24°	1.4	265	54°	Doucet			2.1	190	45°
Macdonald College	84°	35°	1.4		57°	La Ferme	73°	18°	2.0	206	46°
Maniwaki	86°	26°	1.7		53°	Temiskaming	83°	27°	2.5		52°
Mont Laurier	80°	23°	1.8		50°	Ville Marie	80°	24°	1.6		51°
Montréal	84°	36°	1.1	246	58°	Anticosti S.W. Pt.			3.2		39°
Nicolet	84°	30°	1.5		55°	Armagh	78°	28°	2.1		54°
Québec			2.7	246	54°	Bicquette	82°	33°	1.9		50°
St. Bruno de Chambly	86°	23°	1.0		58°	Fame Point	73°	30°	2.0		44°
St. Hubert	84°	28°	1.2		55°	Father Point			1.9		46°
St. Joachim	78°	28°	2.3	277	53°	Harrington Harb'r			T		35°
St. Lin de Laurentides	74°	27°	1.4		54°	La Malbaie	84°	21°	0.9		49°
St. Tite	82°	25°	2.1		52°	Port Daniel	84°	24°	1.8		47°
Shawinigan Falls	82°	28°	1.8		53°	Ste. Anne de la Pocatiére	81°	28°	1.8	274	52°
Sherbrooke	83°	30°	1.4	274	56°	Tadoussac	72°	29°	1.0		49°
						Grindstone	72°	25°	2.5		42°

ATLANTIC PROVINCES

Aroostook	86°	22°	1.7		52°	Sussex	81°	26°	2.0		53°
Bathurst	86°	28°	1.4		50°	Woodstock	85°	24°	1.6		54°
Chatham	85°	26°	1.8		52°	Annapolis Royal	74°	28°	1.5	200	52°
Chipman	85°	23°	1.8		52°	Digby	74°	30°	1.5		51°
Fredericton	83°	28°	1.6	245	54°	Halifax	78°	31°	3.0		50°
Fredericton (Experimental Farm)	82°	28°	1.5	252	53°	Kentville (Experimental Farm)	80°	29°	1.6	196	53°
Gagetown	82°	30°	2.2		53°	Liverpool	80°	25°	2.6		51°
Grand Falls	83°	24°	2.0		52°	Nappan	75°	27°	2.2	193	50°
Harvey	82°	27°	2.2		53°	St. Paul Island			3.5		38°
Moncton	82°	25°	1.8		52°	Sydney	80°	26°	3.0		48°
Musquash	81°	23°	2.7		49°	Truro	76°	33°	2.8		49°
McAdam Junction	83°	27°	1.5		53°	Upper Stewiacke	81°	25°	3.3		51°
Nepisiquit Falls	86°	23°	1.4		50°	Wolfville	80°	30°	1.4	207	52°
Richibucto	85°	27°	1.9		51°	Yarmouth	67°	32°	1.7		50°
Saint John	78°	33°	2.2	208	50°	Charlottetown	77°	31°	2.8		49°
Sackville	76°	27°	2.2		50°	Charlottetown (Experimental Farm)	79°	28°	3.5	209	50°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Port Nelson
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James Bay
Lake Michigan
Lake Erie
Lake Ontario
Marquette
Sault Ste Marie
Escanaba
Alpena
Green Bay
Ludington
Saginaw
Port Huron
Grand Haven
Madison
Milwaukee
Grand Rapids
Detroit
Chicago
Toledo
Cleveland
Ft. Wayne
La Salle
Pittsburg
Harrisburg
Philadelphia
Toronto
London
Buffalo
Oswego
Rochester
Syracuse
Albany
Canton
Northfield
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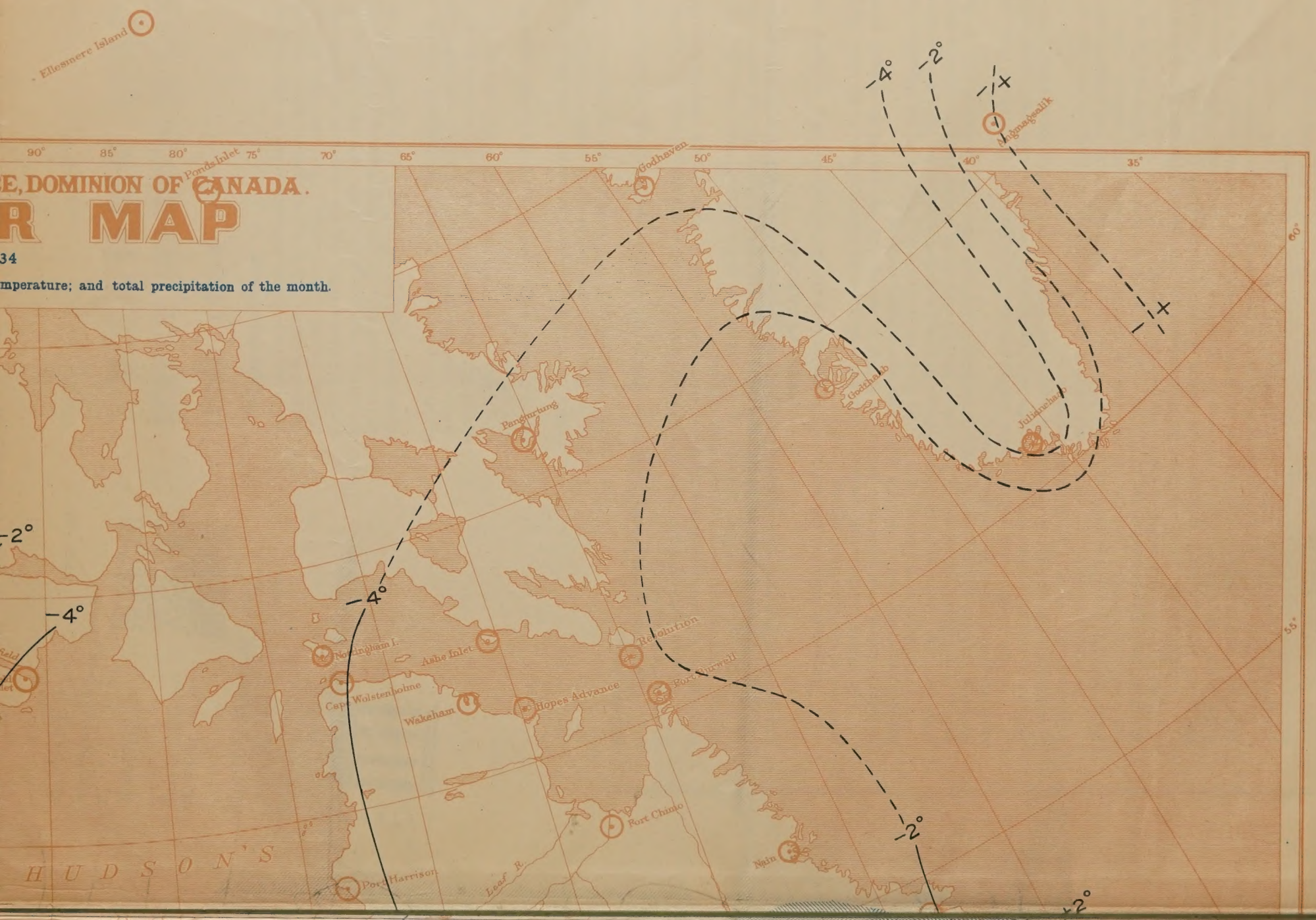
Ellesmere Island
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Godhaven
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E, DOMINION OF CANADA.
R MAP
34
mperature; and total precipitation of the month.
-4°
-2°
-2°
-4°
-4°
-2°
-2°
Pangnirtung
Godthaab
Julianehaab
Nottingham I.
Ashe Inlet
Resolution
Cape Wolstenholme
Wakeham
Hopes Advance
Fort Chimo
Nain
Port Harrison
Leaf R.
H U D S O N ' S
60°
55°

REFERENCES.

The Black lines shew the difference from the normal mean Temperature.

The shading shews approximately the precipitation of the month.

- Less than 1 inch
- Less than 2 inches
- Less than 3 inches
- Less than 4 inches
- More than 4 inches

METEOROLOGICAL SERVIC
WEATHE
MAY, 19
Chart shewing the difference from normal mean t
Tanana
Fort Yukon
Herschell I.
Eagle
Valdez
Mayo
River
Aklavik
Coppermine
Cambridge Bay
Atlin
Sitka
Prince Rupert
Fairview
150°
145°
140°
130°
125°
120°
115°
110°
105°
100°
95°
60°
55°
+2°
+4°
+4°
+2°